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## **About USB 2.0**

USB 2.0 is a new EHCI specification of high-speed peripheral connectivity. This new specification is 100% backward compatible with the well-established USB 1.1 systems. Windows, Mac, Linux and other operating system have adapted USB as a versatile and popular interface. USB 2.0 transfers data at 480 Mb/s, which is 40 times faster than USB 1.1 (even faster than that of FireWire.)

## **Introduction**

Thank you for choosing CompuCable FireXpress 250SX, slim 2.5" USB 2.0 hard drive enclosure. In this kit, you will find all the necessary hardware and software to convert your 2.5" ATA (IDE) hard disk drive (HDD) into a high speed USB 2.0 portable external storage. The software in this kit is compatible with USB enabled Macintosh and PC computers; and no special software is required when operating with Windows Me/2000/XP and OS X. This guide will provide all the information to install and use your new FireXpress 250SX. Please read the following sections completely first!

## **Features**

1. Supports automatic Bus-Powered capability (without using external power supply), for future low-current hard drives
2. Supports Plug-n-Play and Hot-Swapping
3. Supports up to 480Mb/s data transfer rate on USB 2.0 Interface
4. Supports bootable drive feature for supported Macintosh and PC Systems
5. Extremely light and small for portable use
6. Backward compatible with USB 1.1, 1.0
7. Automatic configuration without ID selection or terminator
8. Supports cross-platform file-transfer between PCs and Macintosh, through USB interface

## **Specifications**

1. Dimensions: 5" x 3" x ½"
2. Maximum Drive Height: 9.5mm
3. Power Input: USB port and DC Input Socket
4. 1 x USB 2.0 OTG mini-B port

## **Hardware Requirements**

The FireXpress 250SX is designed specifically for complying with your new Macintosh and PC with functional Hi-Speed USB 2.0 and Full-Speed 1.1 port.

## **Software Requirements**

**Macintosh:** MacOS 8.6 or higher, MacOS X

**PC:** Windows98/98SE/Me/2000/XP or higher.

## **Package Contents**

1. External 2.5" USB 2.0 HDD Enclosure.
2. Set of screws.
3. Software installation CD-ROM.
4. Deluxe USB 2.0 A to mini-B cable.
5. Drive travel pouch.
6. USB DC Power Adapter
7. AC/DC Power Adapter (12V 2.0A center-negative, switching) (optional)
8. User's manual.

## **Power Supply**

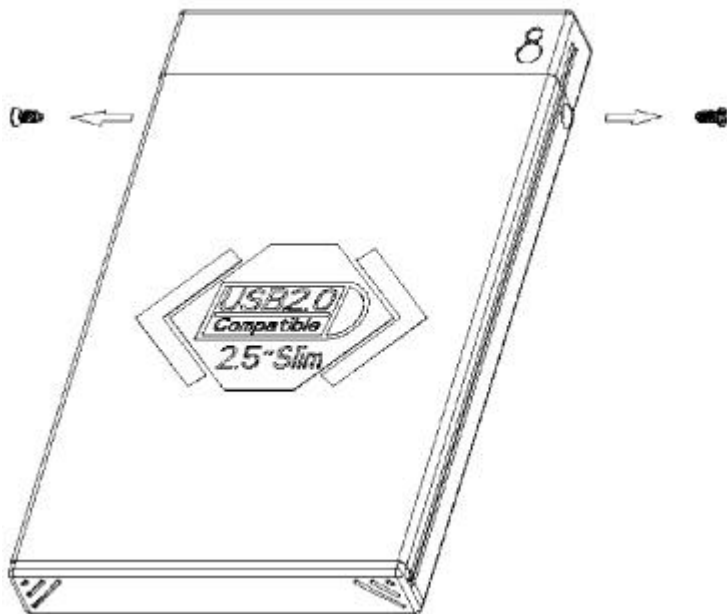
In most cases, FireXpress 250SX will require the use of an external power supply adapter to provide stable operation. Your kit might include either AC/DC adapter or USB auxiliary power adapter (or both). Additional adapters maybe purchased through CompuCable customer service, at 1-800-344-6921.

## Hardware Installation

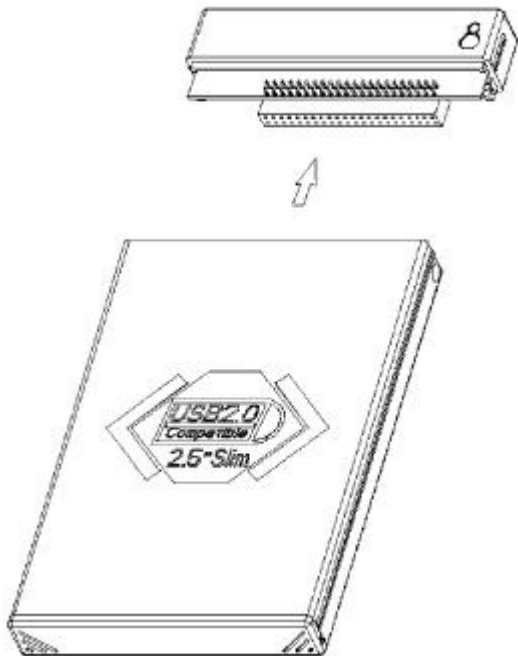
1. Locate and remove the FireXpress 250SX enclosure from the box.



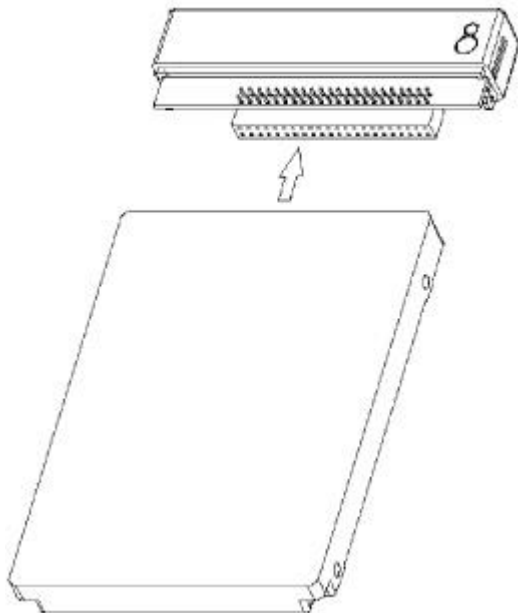
2. Remove the two screws on the side of the enclosure.



3. Gently remove the end-block with the LED, USB and DC connectors.

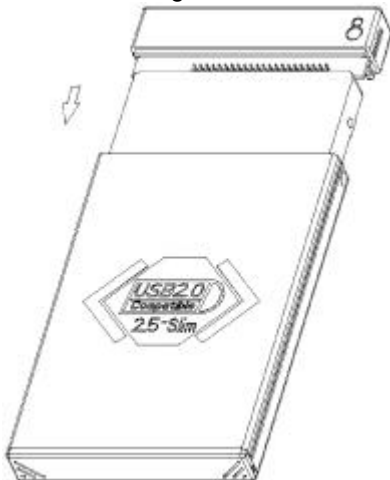


4. Carefully align the 9.5mm-height 2.5" hard drive (labeled topside up) with the end-block, and connect the hard drive's 44-pin interface to the end-block's 44-pin receptacle.



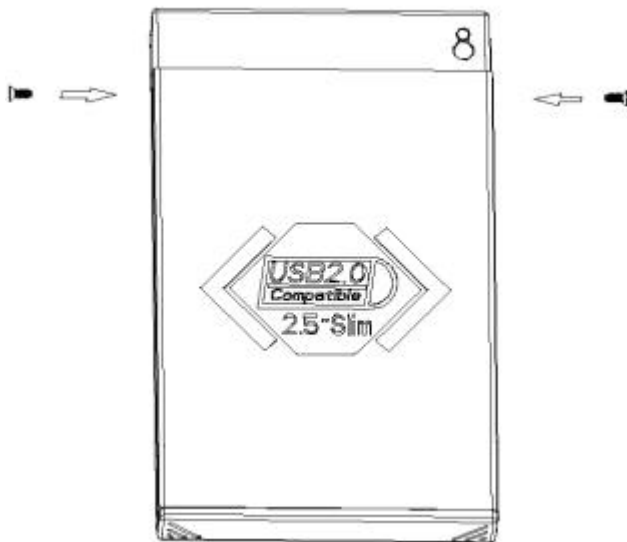


5. Slowly install the 2.5" hard drive (with the end-block attached) into the metal housing. Be sure to line up the end-block's circuit board with the railings inside the metal housing.



Cross-Section of the Metal Housing  
(Note the railing on both sides)

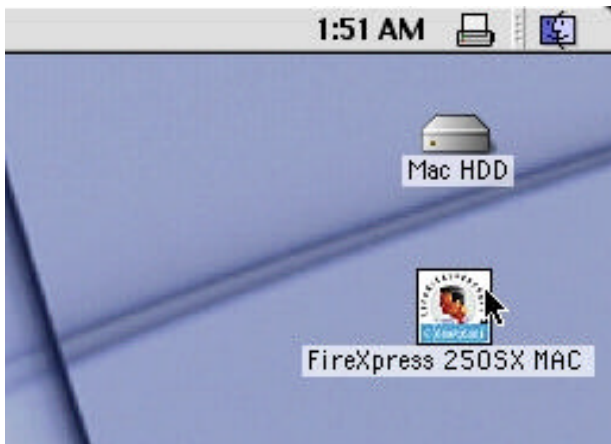
6. Fasten the two screws to secure the end-block to the metal housing.



## Software Installation (for MacOS 8.6 and 9.x)

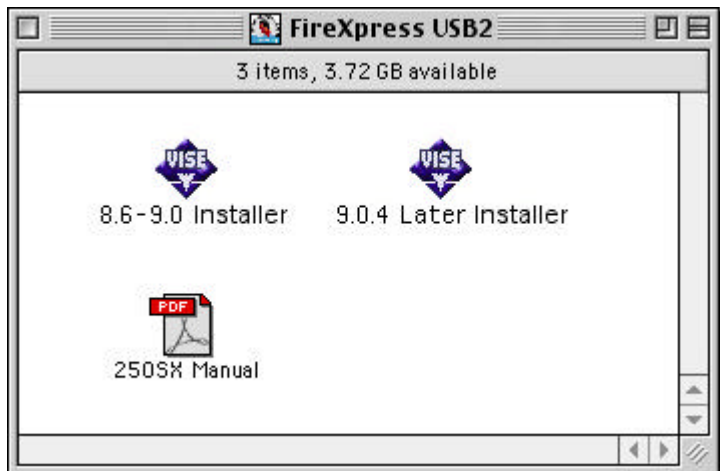
This software is not required for FireXpress 250SX to operate with MacOS X or higher. **Do NOT install this software under MacOS X.**

1. Power on your computer and insert the FireXpress USB2 Combo HDD Installer disc into your CD-ROM drive.



2. Double-click the FireXpress Installer icon that appeared on the desktop.

3. The manual found this directory contains this printed instruction booklet in PDF format. Double-Click the FireXpress 250SX Installer that corresponds to your MacOS version, to proceed with the software installation.



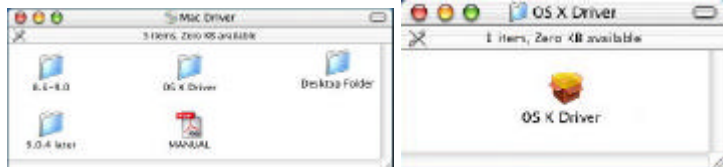
4. Restart the system if the installer does not do so automatically.

## Software Installation (for MacOS X)

1. Insert the FireXpress 250SX disc into the disc drive. Double-click on the disc icon.



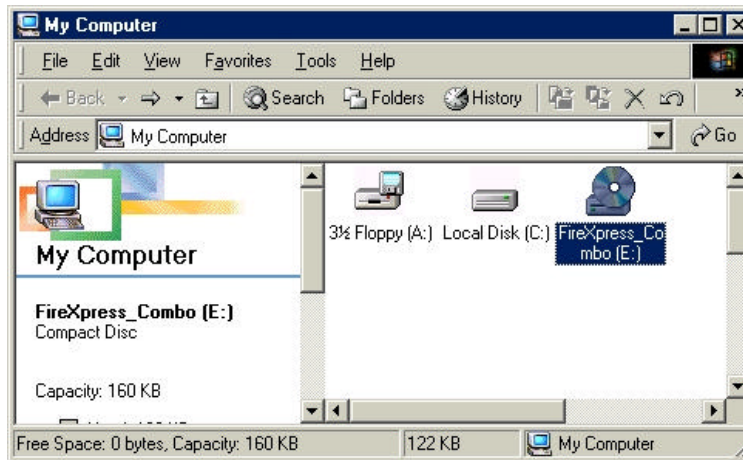
2. Select and double-click to open the "MacOS X" folder. Double-click on the "MacOS X Driver" to install the driver software.



## USB Software Installation (for Windows 98 and 98SE ONLY)

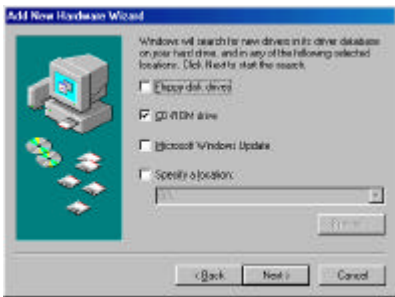
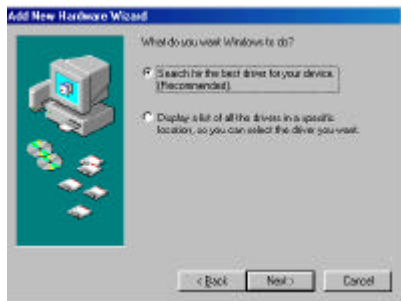
Windows Me, 2000 and XP do not require software installation.

1. Power on your computer and insert the FireXpress Installer disc into your CD-ROM drive.



2. Connect the FireXpress (with installed hard drive) to a USB port on your system.

3. Hardware installation Wizard will now attempt to locate the driver. Select “Search for the best driver...”



4. Follow the on-screen prompts and select the FireXpress installer disc in your CD-ROM.
5. Follow the prompt and install the USB Mass Storage driver.
6. Restart the computer and proceed to drive setup.

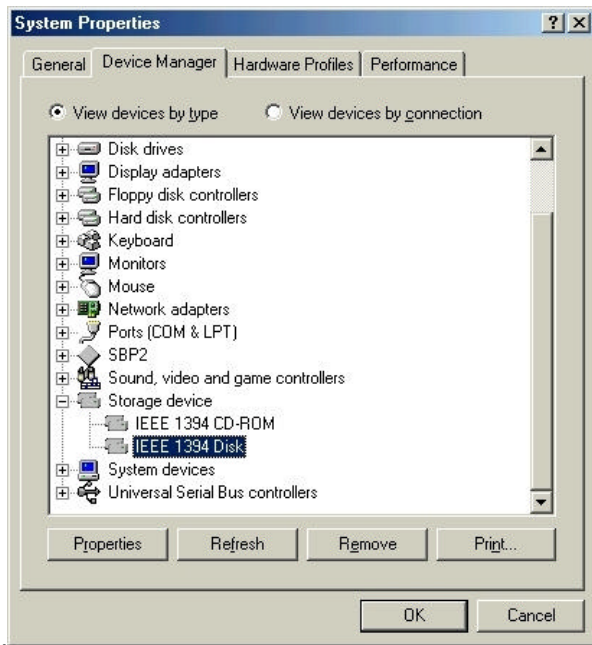
## How to setup FireXpress 250SX on your Windows98SE/Me System

After connecting the FireXpress 250 to the computer, right-click on **"My Computer"** and select **"Properties"**.

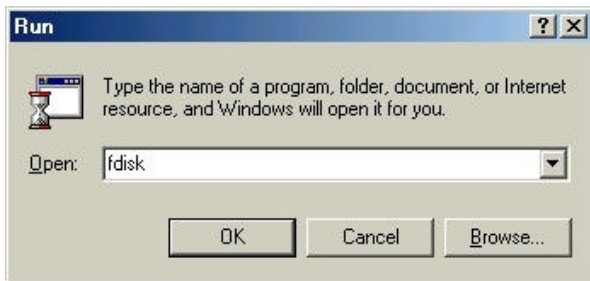




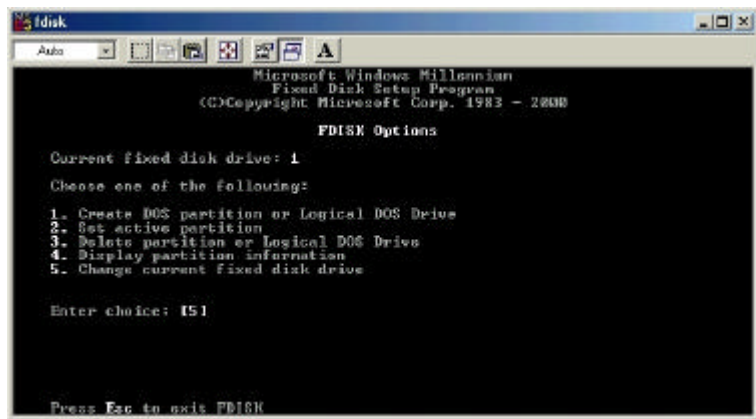
Make sure your system “**Device Manager**” detects the “**IEEE 1394/USB Disk**” or “**BSP2 Compliant Device**”.



Select “**Start**” ↗ “**Run...**” and type in “**Fdisk**” to start the **Fixed Disk Setup Program**.



Select “Change current fixed disk drive” and choose the FireXpress 250SX. Please refer to your Windows Operation System Manual for instruction to create partition on your FireXpress 250SX, as for improper operation may cause data loss to your main drive.



After creating partition for FireXpress 250, restart the system and format the new drive.

If the drive letter assigned to FireXpress 250 conflicts with your network drives, please consult your network administrator.

## How to setup FireXpress 250SX on your Windows 2000/XP

After connecting the FireXpress 250SX to the computer, click on **"Start"** and select **"Settings > Control Panel"**. In the control panel, open **"Administrative Tools"** and select **"Computer Management"**. Select **"Disk Management"** and located the new USB or IEEE1394 Storage.

From this menu (or use the Wizard), initialize the new FireXpress 250SX HDD.

## Troubleshooting

Please make sure all the cables and plugs are securely fastened in their respective places, and an external power adapter is available.

Make sure your system has been updated with the latest version of USB/FireWire support.

**Mac system:** Check [www.apple.com/support](http://www.apple.com/support) for the latest USB controller updates.

**Windows system:** Check Windows Update from your START menu for USB, USB 2.0, IEEE1394 and storage updates.

## **General Remarks**

The information contained in this User's Manual may not be reproduced or transcribed in any way. CompuCable Manufacturing Group reserves the right to revise this manual and the product described in the manual at any time without notice. If you have any questions regarding the setup of the FireXpress™ 250 HDD USB Combo Converter Kit please contact your authorized distributor or place of purchase. To prevent fire or electric shock, do not expose the FireXpress™ 250SX Converter Kit to moisture or extreme heat.

## **Contacting Us**

If your FireXpress™ 250SX Conversion Kit appears to be malfunctioning, please do not attempt to repair the unit yourself. Please contact your dealer or place of purchase first for further technical support. We ask that you make a note of the history of the problem before calling. Helpful information would be:

1. What is the problem?
2. Have you recently upgraded hardware or installed new software?
3. The exact text of all error messages from your system software.
4. What is the version of Mac OS you currently running?
5. Any other pertinent information.

Drivers can be updated from our website. Visit us at:  
<http://www.compucable.com>

Please email us your comments or questions to [support@compucable.com](mailto:support@compucable.com). You can also visit our web site at <http://www.compucable.com>, or call us at (800) 344-6921. Your comments and suggestions regarding the FireXpress™ 250SX HDD will be greatly appreciated.

## **Disclaimer**

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By using this product, you agree to hold CompuCable Manufacturing Group free from all responsibility for any software, hardware, or monetary losses that may result from the use of the FireXpress™

250SX HDD. CompuCable Manufacturing Group has made the efforts to ensure the usability and stability of the software, but this is no guarantee of its performance as advertised.

### **Limited Warranty on the FireXpress™ 250SX Converter Kit**

CompuCable Manufacturing Group warrants the FireXpress™ 250SX Converter Kit to be free from defects in materials and workmanship under normal use for a period of one year from the date of original retail purchase.

(This Limited Warranty and any implied warranties on the FireXpress™ 250SX Converter Kit including the implied warranties of merchantability and fitness for a particular purpose are limited in duration to one year from the date of original retail purchase. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you. The limited warranty set forth herein is exclusive and in lieu of all others, whether oral or written, express or implied. CompuCable Manufacturing Group specifically disclaims all other warranties. This limited warranty gives you specific legal rights, any you may also have other rights which vary by jurisdiction.)

If the CompuCable manufacturing group product (the FireXpress™ 250SX Converter Kit) does not operate as warranted above, the customer's sole remedy shall be, at CompuCable manufacturing group's option, repair or replacement. The foregoing warranties and remedies are exclusive and are in lieu of all other warranties, expressed or implied, either in fact or by operation of law, statutory or otherwise, including warranties of

merchantability and fitness for a particular purpose. CompuCable Manufacturing Group neither assumes nor authorizes any other person to assume for it any other liability in connection with the sale, installation, maintenance or use of CompuCable Manufacturing Group's FireXpress™ 250SX Converter Kit.

CompuCable Manufacturing Group shall not be liable under this warranty if its testing and examination disclose that the alleged defect in the product does not exist or was caused by the customer's or any third person's misuse, neglect, improper installation or testing, unauthorized attempts to repair, or any other cause beyond the range of the intended use, or by accident, fire, lightning or other hazard.

#### Limitation of Liability

In no event will CompuCable Manufacturing Group be liable for any damages, including loss of data, loss of profits, cost of cover or other incidental, consequential or indirect damages arising out of the installation, maintenance, use, performance, failure or interruption of a CompuCable Manufacturing Group Product, however caused and on any theory of liability. This limitation will apply even if CompuCable Manufacturing Group has been advised of the possibility of such damage.

If you purchased a CompuCable manufacturing group product in the United States, some states do not allow the limitation or exclusion of liability for incidental or consequential damages, so the above limitation may not apply to you.